

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	848	375/229.CCLS.	US-PGPUB; USPAT	OR	ON	2007/10/18 14:12
L2	1404	375/232.CCLS.	US-PGPUB; USPAT	OR	ON	2007/10/18 14:12
S1	1	"20040190605"	US-PGPUB; USPAT	OR	ON	2006/06/28 13:01
S2	1	"20030231709"	US-PGPUB; USPAT	OR	ON	2006/06/28 12:42
S3	71	perilla ADJ jason	US-PGPUB; USPAT	OR	ON	2006/06/28 12:42
S4	2720	375/229-236.CCLS.	US-PGPUB; USPAT	OR	ON	2007/06/12 09:06
S5	2272	S4 AND @ad<"20020701"	US-PGPUB; USPAT	OR	ON	2006/06/28 13:02
S6	154	S5 AND MLSE	US-PGPUB; USPAT	OR	ON	2006/06/29 07:58
S7	18	("5323421"   "5363412"   "5440582"   "5541955"   "5809009"   "5881097"   "5905946"   "5936979"   "5995499"   "6115435"   "6137824"   "6192038"   "6337855"   "6353913"   "6463294"   "6567475"   "6721374"   "6792053").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/28 14:19
S8	0	equalizer.IN. AND MLSE	US-PGPUB; USPAT	OR	ON	2006/06/28 14:29
S9	62	equalizer.TI. AND MLSE	US-PGPUB; USPAT	OR	ON	2006/06/28 14:29
S10	26	S9 NOT S6	US-PGPUB; USPAT	OR	ON	2006/06/28 14:29
S11	10	S10 AND @ad<"20020701"	US-PGPUB; USPAT	OR	ON	2006/06/28 14:37
S12	484	S4 AND viterbi	US-PGPUB; USPAT	OR	ON	2006/06/28 14:37
S13	358	S12 NOT S6	US-PGPUB; USPAT	OR	ON	2006/06/28 14:37
S14	286	S13 AND @ad<"20020701"	US-PGPUB; USPAT	OR	ON	2006/06/28 14:38
S15	56	S14 AND (feedback AND feedfor\$)	US-PGPUB; USPAT	OR	ON	2006/06/28 14:38
S16	2722	375/229-236.CCLS.	US-PGPUB; USPAT	OR	ON	2006/06/29 07:58

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S17	2272	S16 AND @ad<"20020701"	US-PGPUB; USPAT	OR	ON	2006/06/29 07:58
S18	154	S17 AND MLSE	US-PGPUB; USPAT	OR	ON	2006/06/29 07:58
S19	154	S18	US-PGPUB; USPAT	OR	ON	2006/06/29 07:58
S20	727	MLSE AND equalizer	US-PGPUB; USPAT	OR	ON	2006/06/29 07:59
S21	83	MLSE AND equalizer AND (feedforward AND feedback)	US-PGPUB; USPAT	OR	ON	2006/06/29 07:59
S22	57	S21 NOT S19	US-PGPUB; USPAT	OR	ON	2006/06/29 07:59
S23	7	("20030023173" "20040229567" "53 11503" "5426597" "5428562" "5668 747" "6810089").PN.	US-PGPUB; USPAT	OR	ON	2006/06/29 08:46
S24	8	("5020078"   "5283811"   "5353307"   "5432821"   "5673294"   "5930296"   "5963599"   "6470047").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/29 09:15
S25	3	("6707850").URPN.	USPAT	OR	ON	2006/06/29 09:23
S26	14	("5224127"   "5263033"   "5285480"   "5345452"   "5537439"   "5615233"   "5675590"   "5774504"   "5805480"   "5818876"   "5862192"   "5905969"   "6134277"   "6301684").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/29 09:32
S27	25	("5818876").URPN.	USPAT	OR	ON	2006/06/29 09:47
S28	4	("5056117"   "5872817"   "6012161"   "6226323").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/29 10:02
S29	4	("6356586").URPN.	USPAT	OR	ON	2006/06/29 10:03
S30	8	("5119401"   "5283811"   "5517527"   "5524125"   "5546430"   "5581585"   "5777692"   "6011813").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/29 10:10
S31	5	("6327302").URPN.	USPAT	OR	ON	2006/06/29 10:27
S32	7	("4673979"   "5263033"   "5272727"   "5285480"   "5436928"   "5537443"   "5557640").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/29 10:30
S33	47	("5710792").URPN.	USPAT	OR	ON	2006/06/29 10:36
S34	8	("5521945"   "5581585"   "5710792"   "5757855"   "5862005"   "5886748"   "6023386"   "6028902").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/29 10:56
S35	11	("6201832").URPN.	USPAT	OR	ON	2006/06/29 11:00

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S36	12	("4905254"   "4953183"   "5031195"   "5052000"   "5056117"   "5157690"   "5159610"   "5263033"   "5301167"   "5303264"   "5321723"   "5414733").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/29 11:29
S37	19	("5546430").URPN.	USPAT	OR	ON	2006/06/29 11:31
S38	6	("5162812"   "5164961"   "5285480"   "5371471"   "5375250"   "5400362").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/29 11:37
S39	10	("5488635").URPN.	USPAT	OR	ON	2006/06/29 11:38
S40	9	("5097482"   "5119401"   "5157690"   "5164727"   "5175747"   "5237588"   "5268930"   "5297166"   "5311546").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/29 11:41
S41	11	("5448590").URPN.	USPAT	OR	ON	2006/06/29 11:43
S42	2	("4852090"   "5068873").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/29 12:02
S43	24	("5283811").URPN.	USPAT	OR	ON	2006/06/29 12:02
S44	8	("5020078"   "5283811"   "5353307"   "5432821"   "5673294"   "5930296"   "5963599"   "6470047").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/29 13:14
S45	3	("6707850").URPN.	USPAT	OR	ON	2006/06/29 13:19
S46	4	("4484338"   "4885757"   "5127025"   "5202903").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/29 13:30
S47	12	("5363412").URPN.	USPAT	OR	ON	2006/06/29 13:35
S48	19	("5003555"   "5031194"   "5107379"   "5214501"   "5235424"   "5282023"   "5499268"   "5581585"   "5602602"   "5648822"   "5710792"   "5777692"   "5886748"   "6178198"   "6226323"   "6289063"   "6366591"   "6438164"   "6604221").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/29 13:45
S49	13	("4365206"   "4520489"   "4583234"   "4644564"   "5003555"   "5132988"   "5341249"   "5345342"   "5381359"   "5384671"   "5422760"   "5430661"   "5606464").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/29 13:56
S50	2754	"4" AND (filter ADJ length\$)	US-PGPUB; USPAT	OR	ON	2006/06/30 12:31
S51	2722	375/229-236.CCLS.	US-PGPUB; USPAT	OR	ON	2006/06/30 12:31

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S52	81	S51 AND (filter ADJ length\$)	US-PGPUB; USPAT	OR	ON	2006/11/27 11:20
S53	14	("5363321" "5473686" "5524089" "5535150" "5570310" "5600581" "5604691" "5642305" "5703801" "5909384" "5940312" "5941939" "6061427" "6061427" "6965578").PN.	US-PGPUB; USPAT	OR	ON	2006/06/30 13:41
S54	311	"complementary code keying"	US-PGPUB; USPAT	OR	ON	2006/06/30 13:41
S55	6	S54 AND MLSE	US-PGPUB; USPAT	OR	ON	2006/06/30 13:41
S57	5	TUNG.IN. AND CHIEN-CHENG.IN.	US-PGPUB; USPAT	OR	ON	2007/03/30 07:55
S58	1	CHOI.IN. AND CEDRIC.IN.	US-PGPUB; USPAT	OR	ON	2007/03/30 07:55
S59	1	"20020191535"	US-PGPUB; USPAT	OR	ON	2006/07/05 09:21
S60	1	"residual modeling uncertainty"	US-PGPUB; USPAT	OR	ON	2006/11/27 11:24
S61	361	"complementary code keying"	US-PGPUB; USPAT	OR	ON	2006/11/27 11:28
S62	6	"complementary code keying" AND MLSE	US-PGPUB; USPAT	OR	ON	2006/11/27 11:26
S63	3	("20050280568" "5142551" "6735724").PN.	US-PGPUB; USPAT	OR	ON	2006/11/27 11:26
S64	12	"complementary code keying" AND cook\$	US-PGPUB; USPAT	OR	ON	2006/11/27 11:29
S65	5	"complementary code keying" AND codebook	US-PGPUB; USPAT	OR	ON	2006/11/27 12:00
S66	6	(leading ADJ2 tap) WITH fixed	US-PGPUB; USPAT	OR	ON	2006/11/27 13:31
S67	468	filter WITH tap WITH fixed	US-PGPUB; USPAT	OR	ON	2006/11/27 13:33
S68	364	S67 AND @ad<"20020701"	US-PGPUB; USPAT	OR	ON	2006/11/27 13:32
S69	56	first WITH filter WITH tap WITH fixed	US-PGPUB; USPAT	OR	ON	2006/11/27 13:33
S70	42	S69 AND @ad<"20020701"	US-PGPUB; USPAT	OR	ON	2006/11/27 13:33
S71	6	"MLSE" WITH codeword	US-PGPUB; USPAT	OR	ON	2007/03/27 13:35
S72	7	PARE.IN. AND THOMAS.IN.	US-PGPUB; USPAT	OR	ON	2007/03/30 07:55
S73	6	TUNG.IN. AND CHIEN-CHENG.IN.	US-PGPUB; USPAT	OR	ON	2007/03/30 07:55

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S74	1	CHOI.IN. AND CEDRIC.IN.	US-PGPUB; USPAT	OR	ON	2007/03/30 07:56
S75	644	375/233.CCLS.	US-PGPUB; USPAT	OR	ON	2007/03/30 07:56
S76	1323	375/232.CCLS.	US-PGPUB; USPAT	OR	ON	2007/03/30 07:56
S77	15	"4021744"	US-PGPUB; USPAT	OR	ON	2007/04/02 08:28
S78	1	"4021744".pn.	US-PGPUB; USPAT	OR	ON	2007/04/02 10:26
S79	1	"6608859".pn.	US-PGPUB; USPAT	OR	ON	2007/04/02 13:17
S80	1	"20030128780"	US-PGPUB; USPAT	OR	ON	2007/04/03 09:14
S81	1	"20040252755"	US-PGPUB; USPAT	OR	ON	2007/04/03 09:14
S82	27	("20040091039" "4412341" "5050186" "5414733" "5513216" "5777910" "5825818" "5835526" "5881108" "6115418" "6240133" "6259751" "6324220" "6792049").PN. ("20030099208" "20030161258" "5031195" "5353307" "5546430" "5822143" "6011813" "6201832" "6246732" "6327302" "6678319" "6707850" "6775322").PN.	US-PGPUB; USPAT	OR	ON	2007/05/16 08:25
S83	12	("4905254"   "4953183"   "5031195"   "5052000"   "5056117"   "5157690"   "5159610"   "5263033"   "5301167"   "5303264"   "5321723"   "5414733").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 08:55
S84	20	("5546430").URPN.	USPAT	OR	ON	2007/05/16 09:01
S85	8	("5020078"   "5283811"   "5353307"   "5432821"   "5673294"   "5930296"   "5963599"   "6470047").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 09:22
S86	4	("6707850").URPN.	USPAT	OR	ON	2007/05/16 09:30
S87	8	("5119401"   "5283811"   "5517527"   "5524125"   "5546430"   "5581585"   "5777692"   "6011813").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 09:33
S88	5	("6327302").URPN.	USPAT	OR	ON	2007/05/16 09:35
S89	2	("5673294"   "6075808").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 09:46
S90	7	("6246732").URPN.	USPAT	OR	ON	2007/05/16 09:46

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S91	2	("5301167"   "5481564").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 09:47
S92	1	("6678319").URPN.	USPAT	OR	ON	2007/05/16 09:48
S93	5	("4320526"   "4462108"   "4631735"   "4833693"   "4847880").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 09:49
S94	50	("5031195").URPN.	USPAT	OR	ON	2007/05/16 09:50
S95	4	("4228517"   "5475710"   "5572262"   "5692011").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 10:26
S96	9	("6011813").URPN.	USPAT	OR	ON	2007/05/16 10:27
S97	7	("5631898"   "5654765"   "6151358"   "6222592"   "6317467"   "6353629"   "6590932").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 10:39
S98	8	("6775322").URPN.	USPAT	OR	ON	2007/05/16 10:52
S99	11	("3889108"   "4524424"   "5031194"   "5195106"   "5307374"   "5307377"   "5307517"   "5323424"   "5345476"   "5353306"   "5353307").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 10:59
S10 0	21	("5572262").URPN.	USPAT	OR	ON	2007/05/16 13:53
S10 1	1	2004/0179627	USPAT	OR	ON	2007/05/16 14:04
S10 2	20	"6522265"	USPAT	OR	ON	2007/05/16 13:55
S10 3	1	"6522265".pn.	USPAT	OR	ON	2007/05/16 13:55
S10 4	1	"20040179627"	US-PGPUB; USPAT	OR	ON	2007/05/21 14:32
S10 5	0	"09670054".an.	US-PGPUB; USPAT	OR	ON	2007/05/21 14:32
S10 6	100	perilla.XA.	US-PGPUB; USPAT	OR	ON	2007/05/21 14:48
S10 7	1	"6078576".pn.	US-PGPUB; USPAT	OR	ON	2007/05/21 14:48
S10 8	10	LAI.IN. AND JYH-TING.IN.	US-PGPUB; USPAT	OR	ON	2007/06/12 09:30
S10 9	1	"20050207485"	US-PGPUB; USPAT	OR	ON	2007/06/12 08:13
S11 0	2	375/229-236.CCLS. AND (map\$ WITH (feedback WITH filter WITH coefficients))	US-PGPUB; USPAT	OR	ON	2007/06/12 09:13

## EAST Search History

S11 1	4	375/229-236.CCLS. AND (map\$ WITH (feedback WITH coefficients))	US-PGPUB; USPAT	OR	ON	2007/06/12 09:13
S11 2	2	S111 NOT S110	US-PGPUB; USPAT	OR	ON	2007/06/12 09:13
S11 3	7	PARE.IN. AND THOMAS.IN.	US-PGPUB; USPAT	OR	ON	2007/06/12 09:15
S11 4	4	naresh.IN. AND shanbhag.IN.	US-PGPUB; USPAT	OR	ON	2007/06/12 09:20
S11 5	1	"Delay Least-Mean-Square"	US-PGPUB; USPAT	OR	ON	2007/06/12 09:30
S11 6	2	"Delay Least Mean Square"	US-PGPUB; USPAT	OR	ON	2007/06/12 09:32
S11 7	7	("20030219085" "5349609" "588064 5" "6593880" "6643334" "6694280"  "6751255").PN.	US-PGPUB; USPAT	OR	ON	2007/06/12 09:47
S11 8	1	"20040234000"	US-PGPUB; USPAT	OR	ON	2007/06/12 09:47